

Amendments to the Specification

[0025] To form the closed cooling circuit, 180°-flow deflections 13 must take place at the first end face 5a between the open ends therein of two adjacent cooling channels 2a and 2b, 2c and 2d, 2e and 2f, and 2g and 2h respectively. These flow deflections 13 at the end face 5a flow through flow deflection channels 13A, 13B, 13C and 13D. These alternate with 90°-flow deflections 10 respectively on the opposite, second end face 5b within the cast wall 6 integrally cast there (for the sake of clarity, this is only shown in the regions of the inlet/outlet apertures 7, 11). Between the 90°-flow deflections (not shown) which do not take place in the region of an inlet/outlet aperture 7, 11, respective transverse ducts 14 extend within the cast wall at right angles to the cooling channels. The 90°-flow deflections 10 that do occur after the inlet 11 open into one of the transverse ducts respectively. Thus coolant flowing within the cast wall 6 of the second end face 5b can be conveyed from one quadrant of the circumference to the respectively adjacent one. Each transverse duct 14 connects the end of a cooling channel 2 lying in the second end face 5b to the cooling channel end lying likewise in the second end face 5b of an adjacent quadrant of the circumference.